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44. (Amended) A method for enhancing the immunogenicity of a preselected antigen in a mammal, the method comprising:

administering to a mammal intramuscularly, intravenously, transdermally or subcutaneously, either simultaneously or sequentially, a first fusion protein comprising an antigen protein with a localizing protein, and a second fusion protein comprising an adjuvant protein and said localizing protein, said localizing protein causing an increase in concentration of said first and second fusion proteins in a region of the mammal accessible to the immune system.

45. (Amended) A method for enhancing the immunogenicity of a preselected antigen in a mammal, the method comprising:

administering to a mammal intramuscularly, intravenously, transdermally or subcutaneously, a fusion protein comprising an antigen protein, an adjuvant protein and a localizing protein, said localizing protein causing an increase in concentration of said antigen and adjuvant proteins in a region of the mammal accessible to the immune system.

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